CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

An ISO 9001:2008 Certified Company

NABL - Accredited Laboratory as per ISO / IEC-17025 : 2005

JAS-ANZ BSCIC ISO 9001 REGISTERED

Job No.: CTCE/BBMP/BTR/W.No.14/SDBC/AGG/2016-17 16.09.2016

Aggregate Gradation Test

IS : 2386 Part I

Customer	**Asst. Executive Engineer,** T. Dasarahalli Sub Division, BBMP, Bangalore.
Agency	**Mr. B.T. Ravikumar,** No.180, 3rd Main, H.V.R. Layout, Magadi Road, Bangalore – 560 079.
Name of the Work	Improvements to Road, Drain, Foot path 12th, 19th and 20th cross Left side Bagalagunte in Ward No.14, BBMP, Bangalore.
Reference	BBMP/DZ/AEE/TDSD/PR/132/2016-17 Dated: 02.08.2016
Sample I / D	Hot Mix Plant, Bangalore
Type of Mix	Semi Dense Bituminous Concrete (SDBC)
Date of Testing	16.09.2016

Total Weight of Sample: **5150** gm

SIEVE SIZE, mm	Weight Retained, gm	% Retained	Cummulative % Retained	% Passing	Grade-II As per MORTH	Remarks
13.2	0	0.0	0	100	100	Gradation satisfies Grade-II MORTH specification
9.5	315	6.1	6.12	93.88	90-100	
4.75	2655	51.6	57.67	42.33	35-51	
2.36	725	14.1	71.75	28.25	24-39	
1.18	480	9.3	81.07	18.93	15-30	
0.3	325	6.3	87.38	12.62	9-19	
0.075	340	6.6	93.98	6.02	3-8	

Total Weight of Sample: **5200** gm

SIEVE SIZE, mm	Weight Retained, gm	% Retained	Cummulative % Retained	% Passing	Grade-II As per MORTH	Remarks
13.2	0	0.0	0	100	100	Gradation satisfies Grade-II MORTH specification
9.5	395	7.6	7.60	92.40	90-100	
4.75	2545	48.9	56.54	43.46	35-51	
2.36	870	16.7	73.27	26.73	24-39	
1.18	515	9.9	83.17	16.83	15-30	
0.3	260	5.0	88.17	11.83	9-19	
0.075	275	5.3	93.46	6.54	3-8	

Note:

Þ This test report should not be reproduced except in full, without written approval of the laboratory

Þ The results indicated above are based on the tests carried out on the samples received in the laboratory

Þ Any Query regarding the report must be reported within 30 days from the date of testing.

Civil-Tech Consultants & Engineers Bangalore

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M/s. Civil-Tech Consultants & Engineers
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Basaveshwaranagar,
Bangalore-560079.

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ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು